

## EAST Search History

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| S1    | 1       | "675529".ap.   | US-PGPUB  | OR               | ON      | 2006/02/16 13:15 |
| S2    | 6       | ("5257294" "5485127" "5781054" "6091943" "6515553" "20020190764").pn.  | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2006/02/16 13:23 |
| S3    | 52      | ("3676801" "3719838" "3887941"."4038612" "4135158" "4380745" "4446446" "4485818" "4580107" "4598257" "4683445" "4689581" "4827226" "4847888" "4859968" "4891825" "4931748" "4940950" "4967165" "4969210" "4996608" "5041800" "5081431" "5099153" "5144254" "5179359" "5180992" "5233351" "5254958" "5259007" "5263197" "5266908" "5319324" "5349544" "5416443" "5416446" "5428319" "5448204" "5451912" "5471661" "5473289" "5473758" "5952890" "6008703" "6456164" "6570453" "5604468" "5790614" "6404246").pn. ("675543").ap. | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2006/02/16 13:34 |
| S4    | 440905  | serial   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:35 |
| S5    | 1989095 | volt\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:35 |
| S6    | 4584109 | (configur\$5 reconfigur\$5 initializ\$5 set\$up provision\$5 convert\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:36 |
| S7    | 6513398 | (convert\$4 translat\$4 adapt\$4 chang\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:36 |
| S8    | 153328  | (surface adj acoustic\$2 adj wave) ("SAW")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:37 |
| S9    | 825174  | (oscillat\$4 resonat\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:37 |
| S10   | 693740  | (non-volatile near3 (memory storage)) (ROM EPROM EEPROM flash nv-ram)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:38 |
| S11   | 170     | S4 SAME S5 SAME S7 SAME S9 SAME S10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:56 |
| S13   | 44949   | (voltage ADJ controll\$3 ADJ oscillat\$4) (VCXO)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/16 13:57 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S14 | 37120   | (crystal ADJ oscillat\$4) ("XO")                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 13:46 |
| S15 | 698597  | permanent\$3                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 13:57 |
| S16 | 3018996 | (pin terminal)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 14:06 |
| S17 | 68498   | (output input) NEAR (enabl\$3 disabl\$3)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 14:07 |
| S18 | 30      | (S8 S13 S14) AND ((S17 NEAR3 S16) SAME (S4))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 16:15 |
| S19 | 17      | ("4689581"   "5349544").PN. OR ("5451912").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/02/16 15:09 |
| S20 | 440905  | serial   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 16:17 |
| S21 | 153328  | (surface adj acoustic\$2 adj wave) ("SAW")       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 16:17 |
| S22 | 440905  | serial   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/17 09:47 |
| S23 | 153328  | (surface adj acoustic\$2 adj wave) ("SAW")       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/17 09:47 |
| S24 | 44949   | (voltage ADJ controll\$3 ADJ oscillat\$4) (VCXO) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/17 09:47 |
| S25 | 37120   | (crystal ADJ oscillat\$4) ("XO")                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/17 09:47 |

## EAST Search History

|     |         |  |   |    |     |                  |
|-----|---------|--|---|----|-----|------------------|
| S26 | 68498   | (output input) NEAR (enabl\$3 disabl\$3)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 13:29 |
| S27 | 388     | (S23 S24 S25) AND (S26 SAME S22)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 10:41 |
| S28 | 999     | (331/158).CCLS.                              | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/06/22 11:08 |
| S29 | 116     | (S23 S24 S25) AND (S26 WITH S22)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 10:24 |
| S30 | 427     | (710/14).CCLS.                               | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/02/17 10:33 |
| S31 | 1343    | (710/8).CCLS.                                | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/02/17 10:34 |
| S32 | 737     | (710/10).CCLS.                               | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/02/17 10:35 |
| S33 | 357     | (713/601).CCLS.                              | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/02/17 10:35 |
| S34 | 844     | (713/600).CCLS.                              | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/02/17 10:36 |
| S35 | 4066    | (S28 S29 S31 S32 S33 S34)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 10:39 |
| S36 | 125     | S27 AND S35                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 10:40 |
| S37 | 3018996 | (pin terminal)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 10:42 |
| S38 | 30      | (S23 S24 S25) AND ((S26 NEAR3 S37) SAME S22) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 10:42 |

## EAST Search History

|     |         |   |                              |   |    |                  |                  |
|-----|---------|---|------------------------------|---|----|------------------|------------------|
| S39 | 110     | ("2964714"   "3644683"   "3842347"   "3916307"   "4020425"<br>  "4093873"   "4211975"   "4320357"   "4343219"   "4454483"<br>  "4459566"   "4468636"   "4486846"   "4567359"   "4590941"<br>  "4689581"   "4689740"   "4694327"   "4807108"   "4816700"<br>  "4835491"   "4870591"   "4882549"   "4899117"   "4980653"<br>  "4984155"   "5036216"   "5036230"   "5053723"   "5063358"<br>  "5065450"   "5099422"   "5117206"   "5136180"   "5142247"<br>  "5144254"   "5150079"   "5177771"   "5216595"   "5233314"<br>  "5237699"   "5256994"   "5262735"   "5289138"   "5295079"<br>  "5302920"   "5307381"   "5319324"   "5323125"   "5336939"<br>  "5349544"   "5357204"   "5359232"   "5369311"   "5371772"<br>  "5389826"   "5398262"   "5412349"   "5444405"   "5446420"<br>  "5446867"   "5451912"   "5457433"   "5465076"   "5467373"<br>  "5481697"   "5497126"   "5523705"   "5532636"   "5535377"<br>  "5537068"   "5537582"   "5546563"   "5548252"   "5550499"<br>  "5552993"   "5555025"   "5559502"   "5563553"   "5563554"<br>  "5570066"   "5579231"   "5630148"   "5636346"   "5638016"<br>  "5638542"   "5668506"   "5684418"   "5684434"   "5687202"<br>  "5689196"   "5696949"   "5699259"   "5706484"   "5719510"<br>  "5729158"   "5760656"   "5818254"   "5877656"   "5940457"<br>  "5952890"   "5960405"   "6104257"   "6188255"   "6191660"<br>  "6236980"   "6285264"   "6388478").PN. OR ("6664860").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR  | ON | 2006/02/21 14:45 |                  |
| S40 | 302470  | (calibrat\$3)   |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 12:23 |
| S41 | 9523659 | (tim\$4 rate frequency clock domain speed)  |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 12:23 |
| S42 | 2554    | cypress.as.   |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 12:55 |
| S43 | 241     | S42 AND S26   |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 12:57 |
| S44 | 54      | S42 AND S26 AND S22   |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 13:02 |
| S45 | 5877035 | ((output input) NEAR (enabl\$3 disabl\$3)) ("OE" "OD")  |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 13:30 |
| S46 | 144     | S42 AND S45 AND S22   |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 13:02 |
| S47 | 25      | S42 AND S45 AND S22 AND (S23 S24 S25)   |                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON               | 2006/02/17 13:30 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S48 | 5909276 | ((output input) NEAR2 (enabl\$3 disabl\$3)) ("OE" "OD")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 13:30 |
| S49 | 27      | S42 AND S48 AND S22 AND (S23.S24 S25)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 13:30 |
| S50 | 2       | S49 NOT S47   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/17 13:30 |
| S51 | 58      | ("20020190764" "20040232995" "20040232997" "20040246809" "3676801" "3719838" "3887941" "4038612" "4135158" "4380745" "4446446" "4485818" "4490950" "4580107" "4598257" "4683445" "4689581" "4827226" "4847888" "4859968" "4891825" "4931748" "4967165" "4969210" "4996608" "5041800" "5081431" "5099153" "5144254" "5179359" "5180992" "5233351" "5254958" "5257294" "5259007" "5263197" "5266908" "5319324" "5349544" "5416443" "5416446" "5428319" "5448204" "5451912" "5451912" "5471661" "5473289" "5473758" "5485127" "5574408" "5579348" "5604468" "5781054" "5952890" "6008703" "6091943" "6456164" "6515553" "6570453").PN. | US-PGPUB;<br>USPAT                                      | OR | ON  | 2006/02/17 15:02 |
| S52 | 48      | (326/51).CCLS.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/02/17 16:06 |
| S53 | 47      | ("4020425" "4320357" "4343219" "4459566" "4468636" "4486846" "4590941" "4689581" "4835491" "4984155" "5053723" "5063358" "5142247" "5150079" "5216595" "5262735" "5302920" "5323125" "5349544" "5446420" "5451912" "5457433" "5465076" "5467373" "5548252" "5563554" "5570066" "5579231" "5636346" "5668506").PN. OR ("5952890").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/02/21 09:40 |
| S54 | 9       | ("4763309" "5488711" "5587653" "5629898" "5949291" "5952890" "5963463" "6201733" "6735726").PN. OR ("6930917").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/02/21 09:55 |
| S55 | 47      | ("4020425" "4320357" "4343219" "4459566" "4468636" "4486846" "4590941" "4689581" "4835491" "4984155" "5053723" "5063358" "5142247" "5150079" "5216595" "5262735" "5302920" "5323125" "5349544" "5446420" "5451912" "5457433" "5465076" "5467373" "5548252" "5563554" "5570066" "5579231" "5636346" "5668506").PN. OR ("5952890").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/02/21 14:44 |
| S56 | 50      | ("6081164" "4969126" "5387993" "5477493" "5783322" "5812490" "5894548" RE36530 "6208571" "5786719" "5894243" "5404057" "6385667" "6603466" "5235240" "5790543" "5910753" "5936565" "5966387" "6169460" "5392296" "5543761" "5566205" "5574894" "5313381" "4458989" "4386282" "5847561" "6151653" "6201435" "6404802" "6114926" "5818286" "4879689" "4348759" "4360754" "4365316" "4387449" "4422066" "4432049" "4560921" "4808844" "4811299" "4819212" "4941173" "4961012" "4967394" "4985641" "4992760" "4992985").pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2006/02/21 14:46 |
| S57 | 153496  | (surface adj acoustic\$2 adj wave) ("SAW")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/22 11:18 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S58 | 45011   | (voltage ADJ controll\$3 ADJ oscillat\$4) (VCXO)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:18 |
| S59 | 37166   | (crystal ADJ oscillat\$4) ("XO")                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:18 |
| S60 | 227019  | (S57 S58 S59)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:18 |
| S61 | 441405  | serial  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:18 |
| S62 | 3023349 | (pin terminal)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:19 |
| S64 | 4144584 | (calibrat\$4 referenc\$3)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:20 |
| S65 | 9537547 | (tim\$4 rate frequency clock domain speed)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:20 |
| S66 | 68565   | (output input) NEAR (enabl\$3 disabl\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:20 |
| S67 | 21      | S60 AND (S66 SAME S62 SAME S61 SAME S64 SAME S65) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/22 11:32 |
| S68 | 461302  | serial  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22 09:47 |
| S69 | 3099384 | (pin terminal)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22 09:47 |
| S70 | 70643   | (output input) NEAR (enabl\$3 disabl\$3)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22 09:48 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S71 | 995    | S68 SAME S69 SAME S70   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 09:48 |
| S72 | 719773 | permanent\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 09:49 |
| S73 | 8      | S68 SAME S72 SAME S69 SAME S70  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 09:49 |
| S74 | 5      | ("5353028"   "5384727"   "5532964"   "5671183"  <br>"5959926").PN. OR ("6678185").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/06/22 09:52 |
| S75 | 12     | ("4855954"   "5235335"   "5353028").PN. OR ("5671183").<br>URPN.                                    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/06/22 09:55 |
| S76 | 295    | program\$4 WITH (terminal pin) WITH ((output input) NEAR<br>(enabl\$3 disabl\$3))                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 10:34 |
| S77 | 16     | S76 SAME S68  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 10:06 |
| S78 | 6034   | ((326/51) or (331/158) or (710/1,8,14) or (713/600,601)).<br>CCLS.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 11:12 |
| S79 | 2      | S76 AND S78   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 11:22 |
| S80 | 13160  | ((326/51) or (331/1r,18,107r,108c,108r,158,177r,182,183) or<br>(710/1,8,14) or (713/600,601)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 12:59 |
| S81 | 2      | S76 AND S80   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 11:23 |
| S82 | 22     | S71 AND S80   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 11:23 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S83 | 42    | (permanent\$3) SAME (program\$5) SAME (terminal pin interface) SAME ((output input) NEAR2 (disabl\$3 enabl\$3))         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 13:01 |
| S84 | 682   | (permanent\$3) SAME (program\$5) SAME (terminal pin interface) SAME (((output input) NEAR2 (disabl\$3 enabl\$3)) OE IE) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 13:02 |
| S85 | 13160 | ((326/51) or (331/1r,18,107r,108c,108r,158,177r,182,183) or (710/1,8,14) or (713/600,601)).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/22 13:02 |
| S86 | 13    | S84 AND S85   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 13:02 |
| S87 | 356   | (pin terminal interface) WITH (permanent\$3) WITH (mode)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 13:04 |
| S88 | 13    | (pin terminal interface) WITH (permanent\$3) WITH (mode) WITH (chang\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 13:04 |
| S89 | 6     | S87 AND S85   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/22 13:05 |
| S90 | 39    | ((JERRELL) near2 (HEIN)).INV.   | US-PGPUB;<br>USPAT  | OR | ON  | 2006/06/22 16:25 |
| S91 | 505   | program\$4 WITH (terminal pin connect\$3) WITH ((output input) NEAR (enabl\$3 disabl\$3))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 10:37 |
| S92 | 0     | write near 3once  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 10:37 |
| S93 | 15414 | write near3 once  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 10:37 |
| S94 | 12273 | write near once   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 10:38 |



## EAST Search History

|          |         |  |   |    |    |                  |
|----------|---------|--|---|----|----|------------------|
| S95      | 31      | ((write near3 once) (write\$1once)) near5 memory with (pin connector terminal)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:39 |
| S96      | 10      | S95 same (input serial)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:41 |
| S97      | 1       | S95 same (enable disable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:41 |
| S98      | 30356   | serial NEAR (pin connect\$3 terminal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:53 |
| S99      | 113363  | serial WITH (pin connect\$3 terminal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:54 |
| S10<br>0 | 116715  | (output input) NEAR2 (enabl\$3 disabl\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:57 |
| S10<br>1 | 2913559 | (enable disable)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:58 |
| S10<br>2 | 52      | S99 SAME S101 SAME permanent\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 10:58 |
| S10<br>3 | 46      | ("4680731"   "4785425"   "4896296"   "5222046"   "5237218"   "5276839"   "5336951").PN. OR ("5473758").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/06/23 12:17 |
| S10<br>4 | 1299    | program\$6 with crystal with oscillat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:31 |
| S10<br>5 | 616     | S104 AND (((input output) NEAR2 (enabl\$3 disabl\$3)) IE OE OD ID)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:34 |
| S10<br>6 | 569     | S105 AND (terminal pin connect\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/23 12:34 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S10<br>7 | 228   | S106 AND serial  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:35 |
| S10<br>8 | 114   | S107 and ((one near time) permanent\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:35 |
| S10<br>9 | 218   | S104 AND (((input output) NEAR2 (enabl\$3 disabl\$3)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:34 |
| S11<br>0 | 210   | S109 AND (terminal pin connect\$3 pad)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:35 |
| S11<br>1 | 176   | S109 AND (terminal pin pad)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:35 |
| S11<br>2 | 83    | S111 AND serial  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:35 |
| S11<br>3 | 47    | S112 and ((one near time) permanent\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:35 |
| S11<br>4 | 28    | torode.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:49 |
| S11<br>5 | 23    | permanent\$3 same disabl\$3 same mode same serial  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 12:49 |
| S11<br>6 | 10733 | (OE OD enabl\$3 disabl\$3) with (serial) with (pin pad terminal connect\$3)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 13:00 |
| S11<br>7 | 648   | (OE OD enabl\$3 disabl\$3) with (serial) with (pin pad terminal connect\$3) with program\$8      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/06/23 13:00 |
| S11<br>8 | 13160 | ((326/51) or (331/1r,18,107r,108c,108r,158,177r,182,183) or (710/1,8,14) or (713/600,601)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/11 10:21 |

## EAST Search History

|      |      |   |  |    |    |                  |
|------|------|---|--|----|----|------------------|
| S119 | 259  | S116 AND S118   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2006/06/23 13:01 |
| S120 | 28   | S117 AND S118   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2006/06/23 13:02 |
| S121 | 6    | ("20020122630" "20020149435" "20020149435" "20030122630" "20030174538" "5777383" "6563390").PN. | US-PGPUB;<br>USPAT   | OR | ON | 2006/06/23 16:26 |
| S122 | 2303 | (pin terminal) WITH (serial) WITH (((output) NEAR (enable disable)) OE OD)                      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/10 16:41 |
| S123 | 18   | S122 SAME permanent\$2  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/10 16:43 |
| S124 | 5    | (one near time near program\$4) SAME (crystal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/10 16:44 |
| S125 | 4963 | change WITH (pin terminal) WITH mode  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11 09:34 |
| S126 | 92   | S125 SAME serial  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11 09:34 |
| S127 | 29   | ("4689581"   "5349544").PN. OR ("5451912").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                     | OR | ON | 2007/01/11 09:36 |
| S128 | 670  | serial with output ADJ2 enable  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11 10:03 |
| S129 | 204  | serial NEAR4 (output ADJ (enable disable))  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11 10:03 |
| S130 | 34   | S129 WITH (pin terminal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11 10:04 |

## EAST Search History

|          |         |   |   |    |     |                  |
|----------|---------|---|---|----|-----|------------------|
| S13<br>1 | 1       | "6188290".pn.   | USPAT   | OR | ON  | 2007/01/11 10:25 |
| S13<br>2 | 15506   | ((326/51) or (327/291,298) or (331/1r,18,107r,108c,108r,158,177r,182,183) or (710/1,8,14) or (713/600,601)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:01 |
| S13<br>3 | 7       | (first ADJ2 mode) SAME (second ADJ2 mode) SAME (pin terminal) SAME (convert\$3 chang\$3) SAME (permanent\$3)      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 14:54 |
| S13<br>4 | 6333621 | (output ADJ (enable disable)) "OE" "OD"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:25 |
| S13<br>5 | 496480  | serial  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:25 |
| S13<br>6 | 37220   | S134 SAME S135  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:26 |
| S13<br>7 | 645     | S136 AND S132   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:26 |
| S13<br>8 | 5921    | S136 SAME (pin terminal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:26 |
| S13<br>9 | 145     | S138 AND S132   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:26 |
| S14<br>0 | 1302    | S138 SAME (convert\$3 chang\$3)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:27 |
| S14<br>1 | 25      | S140 AND S132   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/11 15:27 |

## EAST Search History

|          |    |   |  |    |    |                  |
|----------|----|---|--|----|----|------------------|
| S14<br>3 | 50 | ("20050068118" "6081164" "5235240" "5790543" "5910753"<br>"5936565" "5966387" "6169460" "4969126" "5387993"<br>"5392296" "5477493" "5566205" "5574894" "5783322"<br>"5812490" "5894548" RE36530 "6208571" "6114926"<br>"5818286" "5910879" "4823070" "4859870" "4879689"<br>"4896084" "5313381" "5379300" "5701103" "5852527"<br>"5854718" "5900787" "5923523" "5949665" "6107899"<br>"6127207" "6167543" "4293870" "4329613" "4348759"<br>"4350906" "4360754" "4365316" "4387449" "4387397"<br>"4422066" "4426736" "4432049" "4480533" "4517409" ).pn. | US-PGPUB;<br>USPAT   | OR | ON | 2007/01/18 16:06 |
| S14<br>4 | 43 | ((JERRELL) near2 (HEIN)).INV.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/01/18 15:55 |
| S14<br>5 | 2  | ((terminal pin) AND (permanent\$3) AND (serial) AND (output<br>NEAR2 (enable disable))).clm.  | US-PGPUB   | OR | ON | 2007/01/18 16:03 |
| S14<br>6 | 50 | ((terminal pin) AND (serial) AND (output NEAR2 (enable<br>disable))).clm.   | US-PGPUB   | OR | ON | 2007/01/18 16:03 |
| S14<br>7 | 0  | (permanent\$3 WITH burn) SAME (FPGA ASIC)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 11:42 |
| S14<br>8 | 41 | (permanent\$3 WITH (burn write)) SAME (FPGA ASIC)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 11:42 |
| S14<br>9 | 6  | (permanent\$3 NEAR3 (disabl\$3 remov\$3) NEAR3 (function<br>mode)) WITH (pin terminal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 13:18 |
| S15<br>0 | 3  | ("5079516"   "6472897"   "6338032").pn.   | USPAT  | OR | ON | 2007/01/19 13:07 |
| S15<br>1 | 13 | (permanent\$3 NEAR5 (disabl\$3 remov\$3) NEAR5 (function<br>mode)) WITH (pin terminal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 13:20 |
| S15<br>2 | 27 | ((permanent\$3) WITH (disabl\$3 remov\$3) WITH (function<br>mode)) WITH (pin terminal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 13:24 |
| S15<br>3 | 14 | S152 NOT S151   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 13:24 |
| S15<br>4 | 5  | ("4412241"   "5079516"   "6338032"   "6410398"  <br>"6472897").PN. OR ("6882214").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                     | OR | ON | 2007/01/19 14:13 |

## EAST Search History

|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S15<br>5 | 1326   | (two plural) NEAR3 (program\$4 I\$10) NEAR3 (terminal pin)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 14:59 |
| S15<br>6 | 17     | S155 WITH (disabl\$3 remov\$3)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 14:59 |
| S15<br>7 | 501    | (two plural) NEAR3 (serial) NEAR3 (terminal pin)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 14:59 |
| S15<br>8 | 2      | S157 WITH (disabl\$3 remov\$3)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 14:59 |
| S15<br>9 | 1352   | disabl\$3 WITH (program\$5 I\$10 serial) WITH (pin terminal)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 15:01 |
| S16<br>0 | 182    | S159 WITH one  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 15:01 |
| S16<br>1 | 17978  | ((326/51) or (327/291,298) or (331/1r,18,107r,108c,108r,158,177r,182,183) or (710/1,8,14) or (713/600,601) or (716/12,16,17) or (726/34-36)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:01 |
| S16<br>2 | 8      | S160 AND S161  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 15:02 |
| S16<br>3 | 318445 | ((non\$1volatile NEAR2 memory) ROM NVM) SAME ((volatile NEAR2 memory) VM RAM)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 15:09 |
| S16<br>4 | 338    | S163 SAME (pin terminal) SAME (serial program\$4) SAME (disabl\$3 remov\$3)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2007/01/19 15:09 |

## EAST Search History

|          |        |   |  |    |    |                  |
|----------|--------|---|--|----|----|------------------|
| S16<br>5 | 6      | S164 AND S161   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:08 |
| S16<br>6 | 299897 | ((non\$1volatile NEAR2 memory) ROM NVM) WITH ((volatile NEAR2 memory) VM RAM) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:09 |
| S16<br>7 | 16     | S166 WITH (pin terminal) WITH (serial program\$4) WITH (disabl\$3 remov\$3)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:10 |
| S16<br>8 | 808    | first near2 (serial I\$10) NEAR2 (pin terminal)                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:36 |
| S16<br>9 | 777    | second near2 (serial I\$10) NEAR2 (pin terminal)                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:37 |
| S17<br>0 | 396    | S168 SAME S169  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:37 |
| S17<br>1 | 1      | S170 SAME S163  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:37 |
| S17<br>2 | 15     | S170 AND S161   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:38 |
| S17<br>3 | 0      | (reprogram\$4 NEAR2 crystal) SAME (pin terminal)                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:49 |
| S17<br>4 | 1      | (reprogram\$4 NEAR2 crystal)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:49 |

## EAST Search History

|          |        |   |  |    |    |                  |
|----------|--------|---|--|----|----|------------------|
| S17<br>5 | 1      | (re\$1program\$4 NEAR2 crystal)                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:49 |
| S17<br>6 | 50     | (re\$1program\$4 WITH crystal)                                | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:52 |
| S17<br>8 | 24     | S177 AND S161   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:53 |
| S17<br>9 | 573    | program\$4 WITH serial WITH pin                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 15:53 |
| S18<br>0 | 165181 | (surface adj acoustic\$2 adj wave) ("SAW")                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/19 16:14 |
| S18<br>1 | 872550 | (oscillat\$4 resonat\$4)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/19 16:14 |
| S18<br>2 | 40027  | (crystal ADJ oscillat\$4) ("XO")                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON | 2007/01/19 16:14 |
| S18<br>3 | 15     | (S180 S181 S182 crystal) SAME (program\$4) SAME (in\$1system) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19 16:15 |